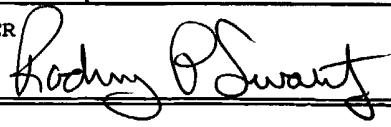


<p>PTO-1449 REPRODUCED</p> <p>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p>March 5, 2002</p> <p>(Use several sheets if necessary)</p>			ATTORNEY DOCKET NO. 1646.1013-022	APPLICATION NO. 10/091233			
			APPLICANT Gary W. Zlotnick				
			FILING DATE			GROUP 1645	
U. S. PATENT DOCUMENTS							
EXAM- INER INITIAL		DOCUMENT NUMBER	DATE	NAMES	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	4,271,147	6/2/81	Helting, et al.	424	92	
	AB	4,601,903	7/22/86	Frasch	424	92	
	AC	4,707,543	11/17/87	Zollinger, et al.	530	402	
	AD	5,601,831	2/11/97	Green, et al.	424	256.1	
	AE	4,386,066	5/31/1983	O'Rourke, et al.	424	92	
	AF						
	AG						
	AH						
	AI						
	AJ						
AK							
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL	WO 90/06696 ✓	28-JUN-90	PCT			
	AM	0 182 401 ✓	28-MAY-86	EPO			
	AN	WO 93/03761 ↗	4-MAR-93	PCT			
	AO	0 301 992 ✓	1-FEB-89	EPO			
	AP	0 073 169 ✓	2-MAR-83	EPO			
	AQ	0 351 604 ✓	24-JAN-90	EPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR	Beuvery, E.C. et al., "Preparation and Physicochemical and Immunological Characterization of Polysaccharide-Outer Membrane Protein Complexes of <i>Neisseria meningitidis</i> ," <i>Infection and Immunity</i> , 40(1):369-380 (1983).					
	AS	Wedege, E. et al., "Restoration of Antibody Binding to Blotted Meningococcal Outer Membrane Proteins Using Various Detergents," <i>J. Immunol. Methods</i> , 113:51-59 (1988).					
	AT	Zlotnick, G.W. et al., "Purification and Characterization of a Peptidoglycan-Associated Lipoprotein from <i>Haemophilus influenzae</i> ," <i>J. Biol. Chem.</i> , 263(20):9790-9794 (1988).					
EXAMINER 			DATE CONSIDERED	8-23-04			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AL	AL2	3516017 A1 ✓	27-NOV-86	DE			X
AM	AM2	0 090 660 ✓	05-OCT-83	EPO			
AN	AN2	90/13032 ✓	01-NOV-90	PCT			
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AW	AU	Poolman, J.T. et al., "Comparison of Meningococcal Outer Membrane Protein Vaccines Solubilized with Detergent or C Polysaccharide," Antonie van Leeuwenhoek J. of Microbiology, 53(6):413-419 (1987).					
AW	AV	Kittel, J., "Isolation of Proteins from Biological Membranes by Solubilisation With Limited Amount of Detergent," (1994) Derwent Info. Ltd. (WPI Acc No.: C86-138270) (Abstract : DE 3516017).					
AW	AW ✓	Helenius, A. and Simons, K., "Solubilization of Membranes by Detergents," Biochimica et Biophysica Acta, 415:29-79 (1975).					
AY	AX ✓	Moriyon, I. and Berman, D.T., "Effects of Nonionic, Ionic, and Dipolar Ionic Detergents and EDTA on the Brucella Cell Envelope," J. Bacteriology, 152(2):822-828 (1982).					
AY	AY ✓	Murphy, T.F. and Bartos, L.C., "Surface-Exposed and Antigenically Conserved Determinants of Outer Membrane Proteins of Branhamella catarrhalis," Infection and Immunity, 57(10):2938-2941 (1989).					
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>BB</i>	AZ ✓	"Other Species of Neisseria and Related Genera" In <i>Davis Microbiology</i> , 3rd; Gotschlich, E.C., ed., <u>The Neisseriae</u> , Chapter 30, pages 643-644.					
<i>BB</i>	AR2 ✓	Mandrell, R.E. and Zollinger, W.D. "Human Immune Response to Meningococcal Outer Membrane Protein Epitopes after Natural Infection or Vaccination," <i>Infect. Immun.</i> , 57:1590-1598 (1989).					
<i>BB</i>	AS2 ✓	Frasch, C.E. and Peppler, M.S., "Protection Against Group B <i>Neisseria meningitidis</i> Disease: Preparation of Soluble Protein and Protein-Polysaccharide Immunogens," <i>Infection and Immunity</i> , 37(1):271-280 (1982).					
<i>BB</i>	AT2 ✓	"Centocor Stops Trials of Flagship Drug," <i>The Washington Post</i> , page D3, January 19, 1993.					
<i>BB</i>	AU2 ✓	Spalding, B.J., "In Shocking Synergen, Sepsis Tallies Third Victim," <i>Bio/Technology</i> , 11:428-429 (1993).					
<i>BB</i>	AV2 ✓	Peppler, M.S. and Frasch, C.E., "Protection Against Group B <i>Neisseria meningitidis</i> Disease, Effect of Serogroup B Polysaccharide and Polymyxin B Immunogenicity of Serotype Protein Preparations," <i>Infection and Immunity</i> , 37:264-270 (1982).					
<i>BB</i>	AW2 ✓	Collins, M.L.P. and Salton, M.R.J., "Preparation and Crossed Immunoelectrophoretic Analysis of Cytoplasmic and Outer Membrane Fractions from <i>Neisseria gonorrhoeae</i> ," <i>Infection and Immunity</i> , 30(1):281-288 (1980).					
<i>BB</i>	AX2 ✓	Mandrell, R.E. and Zollinger, W.D., "Use of a Zwitterionic Detergent for the Restoration of the Antibody-Binding Capacity of Electroblotted Meningococcal Outer Membrane Proteins," <i>J. Immunol. Methods</i> , 67:1-11 (1984).					
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>BB</i>	AY2	Catlin, B.W., "Branhamaceae New Family a Proposed Family to Accommodate the Genera Branhamella and Moraxella," <i>Int'l. J. Systematic Bact.</i> , 41(2):320-323 (1991) (Abstract only).					
<i>BB</i>	AZ2	Saukkonen, K. et al., "Protective Efficacy of Monoclonal Antibodies to Class 1 and Class 3 Outer Membrane Proteins of <i>Neisseria meningitidis</i> B:15:P1.16 in Infant Rat Infection Model: New Prospects for Vaccine Development," <i>Microbial Pathogenesis</i> , 3:261-267 (1987).					
<i>BB</i>	AR3	Schnaitman, C.A., "Effect of Ethylenediaminetetraacetic Acid, Triton X-100, and Lysozyme on the Morphology and Chemical Composition of Isolated Cell Walls of <i>Escherichia coli</i> ," <i>J. Bacteriology</i> , 108(1):553-563 (1971).					
<i>BB</i>	AS3	Frasch, C.E. and Gotschlich, E.C., "An Outer Membrane Protein of <i>Neisseria meningitidis</i> Group B Responsible for Serotype Specificity," <i>J. Exper. Medicine</i> , 140:87-104 (1974).					
<i>BB</i>	AT3	Campagnari, A.A., et al., "Lipoooligosaccharide Epitope Shared Among Gram-Negative Non-Enteric Mucosal Pathogens," <i>Microb Pathology</i> , 8:353-362 (1990).					
<i>BB</i>	AU3	Smyth, C.J., et al., "Immunology of Outer Membrane Proteins of Gram-Negative Bacteria", <i>Immunology of the Bacterial Cell Envelope</i> , Chapter 7: 177-201 (1995).					
<i>BB</i>	AV3	Frasch, C.E., et al., "New Developments in Meningococcal Vaccines", <i>Meningococcal Protein Vaccines</i> , 633-639 (1985).					
EXAMINER <i>Rodney P. Swartz</i>			DATE CONSIDERED 8-23-04				